



Enhance Security Operations by Using Microsoft Security Copilot (SC-5006)

COURSE OVERVIEW

Learn about Microsoft Copilot for Security, an AI-powered security analysis tool that enables analysts to process security signals and respond to threats at a machine speed, and the AI concepts upon which it's built.

WHO WILL BENEFIT FROM THIS COURSE?

- Security Engineer
- Security Analyst

PREREQUISITES

- Working knowledge of security operations and incident response
- Working knowledge of Microsoft security products and services

COURSE OBJECTIVES

- Fundamental AI Concepts
- Fundamentals of Generative AI
- Fundamentals of Responsible Generative AI
- Describe Microsoft Copilot for Security
- Describe the core features of Microsoft Copilot for Security
- Describe the embedded experiences of Microsoft Copilot for Security

COURSE OUTLINE

Fundamental AI Concepts

- Introduction to AI
- Understand machine learning
- Understand computer vision
- Understand natural language processing
- Understand document intelligence and knowledge mining
- Understand generative AI

Fundamentals of Generative AI

- Understand generative AI's place in the development of artificial intelligence
- Understand large language models and their role in intelligent applications
- Describe how Azure OpenAI supports intelligent application creation
- Describe examples of copilots and good prompts
- Lab: Explore Microsoft Copilot in Microsoft Edge

Fundamentals of Responsible Generative AI

- Describe an overall process for responsible generative AI solution development
- Identify and prioritize potential harms relevant to a generative AI solution
- Measure the presence of harms in a generative AI solution
- Mitigate harms in a generative AI solution
- Prepare to deploy and operate a generative AI solution responsibly
- Lab: Explore content filters in Azure OpenAI

Describe Microsoft Copilot for Security

- Describe what Microsoft Copilot for Security is
- Describe the terminology of Microsoft Copilot for Security
- Describe how Microsoft Copilot for Security processes prompt requests
- Describe the elements of an effective prompt
- Describe how to enable Microsoft Copilot for Security

Describe the core features of Microsoft Copilot for Security

- Describe the features available in the standalone Copilot experience
- Describe the plugins available in Copilot
- Describe custom promptbooks
- Describe knowledge base connections

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